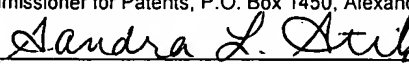
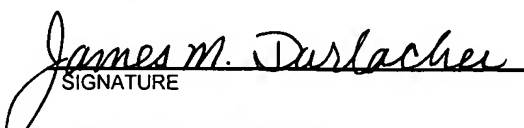


TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER 8324-2 U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/540786
INTERNATIONAL APPLICATION NO. PCT/DE2003/004199	INTERNATIONAL FILING DATE December 12, 2003	PRIORITY DATE CLAIMED December 12, 2002
TITLE OF INVENTION VESSEL FILTER		
APPLICANT(S) FOR DO/EO/US ANDREAS MELZER; GREGOR SCHAEFERS		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input checked="" type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)). <ol style="list-style-type: none"> a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau) (copy attached hereto) b. <input type="checkbox"/> has been communicated by the International Bureau c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ol style="list-style-type: none"> a. <input checked="" type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)). <ol style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). <input type="checkbox"/> signed <input checked="" type="checkbox"/> unsigned 10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). <p style="margin-left: 20px;">Items 11 to 20 below concern document(s) or information included:</p> <ol style="list-style-type: none"> 11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input checked="" type="checkbox"/> A preliminary amendment. 14. <input type="checkbox"/> An Application Date Sheet Under 37 CFR 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A change of power of attorney and/or address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825 18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 20. <input checked="" type="checkbox"/> Other items or information: <div style="margin-left: 20px;"> <input checked="" type="checkbox"/> a. International Publication <input checked="" type="checkbox"/> b. International Search Report w/ English translation <input type="checkbox"/> c. Notification of Receipt of Demand <input type="checkbox"/> d. Search Report <input type="checkbox"/> e. Response <input type="checkbox"/> f. Written Opinion <input type="checkbox"/> g. Response <input type="checkbox"/> h. Forms PCT/IB/318 </div> 		
		Express Mail label number: <u>EV 641072873 US</u> Date of Deposit: <u>June 1, 2005</u> I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR §1.10 on the date indicated above and is addressed to MAIL STOP PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.  Signature of person mailing paper or fee

U.S. APPLICATION NO. 10/540786 <small>(If known, see 37 CFR 1.5)</small>		INTERNATIONAL APPLICATION NO. PCT/DE2003/004199		ATTORNEY'S DOCKET NUMBER 8324-2	
The following fees are submitted:				Applicant use	Office use only
21. <input checked="" type="checkbox"/> Basic national fee \$300				\$ 300	
22. <input checked="" type="checkbox"/> Examination fee					
a) If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4) \$100				\$ 200	
b) All other situations \$200					
23. <input checked="" type="checkbox"/> Search fee					
a) Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority \$100				\$ 400	
b) International Search Report prepared and provided to the Office \$400					
c) All other situations \$500					
TOTAL OF 21, 22, and 23 =				\$ 900	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
-100=	/50=		x \$250.00	\$ 0	
Surcharge of \$130 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$ 0	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	33	-20=	13 x \$50	\$ 650	
Independent claims	1	-3=	0 x \$200	\$ 0	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			x \$360	\$ 0	
TOTAL OF ABOVE CALCULATIONS =				\$ 1550	
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.				775	
SUBTOTAL =				\$ 775	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$ 0	
TOTAL NATIONAL FEE =				\$ 775	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$ 0	
TOTAL FEES ENCLOSED =				\$ 775	
				Amount to be refunded:	\$
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				28,840 REGISTRATION NUMBER	

10/540786

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other than US):

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Instrumente für die

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10/540786

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RALPH

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May 26, 2005

Re: 84-103146

To Whom It May Concern:

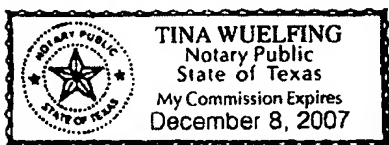
This is to certify that a professional translator on our staff who is skilled in the German language translated the enclosed "WO2004053512A" from German into English.

We certify that the attached English translation conforms essentially to the original German.

Kim Vitray

Kim Vitray
Operations Manager

Subscribed and sworn to before me this 26th day of May, 2005.



Tina Wuefing

Tina Wuefing
Notary Public

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